

# Johannes A Langendijk

## List of Publications by Citations

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215  
papers

6,423  
citations

43  
h-index

74  
g-index

229  
ext. papers

8,522  
ext. citations

2.5  
avg, IF

5.82  
L-index

#	Paper	IF	Citations
215	Impact of late treatment-related toxicity on quality of life among patients with head and neck cancer treated with radiotherapy. <i>Journal of Clinical Oncology</i> , <b>2008</b> , 26, 3770-6	2.2	450
214	Delineation of the neck node levels for head and neck tumors: a 2013 update. DAHANCA, EORTC, HKNPCSG, NCIC CTG, NCRI, RTOG, TROG consensus guidelines. <i>Radiotherapy and Oncology</i> , <b>2014</b> , 110, 172-81	5.3	383
213	Selection of patients for radiotherapy with protons aiming at reduction of side effects: the model-based approach. <i>Radiotherapy and Oncology</i> , <b>2013</b> , 107, 267-73	5.3	289
212	CT-based delineation of organs at risk in the head and neck region: DAHANCA, EORTC, GORTEC, HKNPCSG, NCIC CTG, NCRI, NRG Oncology and TROG consensus guidelines. <i>Radiotherapy and Oncology</i> , <b>2015</b> , 117, 83-90	5.3	244
211	Validation and Modification of a Prediction Model for Acute Cardiac Events in Patients With Breast Cancer Treated With Radiotherapy Based on Three-Dimensional Dose Distributions to Cardiac Substructures. <i>Journal of Clinical Oncology</i> , <b>2017</b> , 35, 1171-1178	2.2	204
210	Predictive modelling for swallowing dysfunction after primary (chemo)radiation: results of a prospective observational study. <i>Radiotherapy and Oncology</i> , <b>2012</b> , 105, 107-14	5.3	186
209	Role of radiotherapy fractionation in head and neck cancers (MARCH): an updated meta-analysis. <i>Lancet Oncology</i> , <b>2017</b> , 18, 1221-1237	21.7	156
208	Impact of radiation-induced xerostomia on quality of life after primary radiotherapy among patients with head and neck cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2007</b> , 69, 751-60	4	156
207	A predictive model for swallowing dysfunction after curative radiotherapy in head and neck cancer. <i>Radiotherapy and Oncology</i> , <b>2009</b> , 90, 189-95	5.3	155
206	Sparing the region of the salivary gland containing stem cells preserves saliva production after radiotherapy for head and neck cancer. <i>Science Translational Medicine</i> , <b>2015</b> , 7, 305ra147	17.5	123
205	Delineation of organs at risk involved in swallowing for radiotherapy treatment planning. <i>Radiotherapy and Oncology</i> , <b>2011</b> , 101, 394-402	5.3	115
204	Advances in Radiotherapy for Head and Neck Cancer. <i>Journal of Clinical Oncology</i> , <b>2015</b> , 33, 3277-84	2.2	109
203	NTCP models for patient-rated xerostomia and sticky saliva after treatment with intensity modulated radiotherapy for head and neck cancer: the role of dosimetric and clinical factors. <i>Radiotherapy and Oncology</i> , <b>2012</b> , 105, 101-6	5.3	109
202	Cumulative cisplatin dose in concurrent chemoradiotherapy for head and neck cancer: A systematic review. <i>Head and Neck</i> , <b>2016</b> , 38 Suppl 1, E2151-8	4.2	107
201	Treatment of late sequelae after radiotherapy for head and neck cancer. <i>Cancer Treatment Reviews</i> , <b>2017</b> , 59, 79-92	14.4	105
200	International guideline for the delineation of the clinical target volumes (CTV) for nasopharyngeal carcinoma. <i>Radiotherapy and Oncology</i> , <b>2018</b> , 126, 25-36	5.3	105
199	3D Variation in delineation of head and neck organs at risk. <i>Radiation Oncology</i> , <b>2012</b> , 7, 32	4.2	104

198	Identifying patients who may benefit from adaptive radiotherapy: Does the literature on anatomic and dosimetric changes in head and neck organs at risk during radiotherapy provide information to help?. <i>Radiotherapy and Oncology</i> , <b>2015</b> , 115, 285-94	5.3	95
197	Is cardiac toxicity a relevant issue in the radiation treatment of esophageal cancer?. <i>Radiotherapy and Oncology</i> , <b>2015</b> , 114, 85-90	5.3	86
196	The Quest for Evidence for Proton Therapy: Model-Based Approach and Precision Medicine. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2016</b> , 95, 30-36	4	79
195	Dysphagia in head and neck cancer patients treated with radiotherapy and systemic therapies: Literature review and consensus. <i>Critical Reviews in Oncology/Hematology</i> , <b>2015</b> , 96, 372-84	7	75
194	ACE inhibition attenuates radiation-induced cardiopulmonary damage. <i>Radiotherapy and Oncology</i> , <b>2015</b> , 114, 96-103	5.3	75
193	Development of a multivariable normal tissue complication probability (NTCP) model for tube feeding dependence after curative radiotherapy/chemo-radiotherapy in head and neck cancer. <i>Radiotherapy and Oncology</i> , <b>2014</b> , 113, 95-101	5.3	67
192	"Radiobiology of Proton Therapy": Results of an international expert workshop. <i>Radiotherapy and Oncology</i> , <b>2018</b> , 128, 56-67	5.3	64
191	Creating a data exchange strategy for radiotherapy research: towards federated databases and anonymised public datasets. <i>Radiotherapy and Oncology</i> , <b>2014</b> , 113, 303-9	5.3	62
190	The course of health-related quality of life in head and neck cancer patients treated with chemoradiation: a prospective cohort study. <i>Radiotherapy and Oncology</i> , <b>2014</b> , 110, 422-8	5.3	60
189	Radiation dose constraints for organs at risk in neuro-oncology; the European Particle Therapy Network consensus. <i>Radiotherapy and Oncology</i> , <b>2018</b> , 128, 26-36	5.3	60
188	Selection of lymph node target volumes for definitive head and neck radiation therapy: a 2019 Update. <i>Radiotherapy and Oncology</i> , <b>2019</b> , 134, 1-9	5.3	59
187	CT image biomarkers to improve patient-specific prediction of radiation-induced xerostomia and sticky saliva. <i>Radiotherapy and Oncology</i> , <b>2017</b> , 122, 185-191	5.3	59
186	The potential benefit of swallowing sparing intensity modulated radiotherapy to reduce swallowing dysfunction: an in silico planning comparative study. <i>Radiotherapy and Oncology</i> , <b>2012</b> , 103, 76-81	5.3	58
185	Dynamics of tumor hypoxia assessed by 18F-FAZA PET/CT in head and neck and lung cancer patients during chemoradiation: possible implications for radiotherapy treatment planning strategies. <i>Radiotherapy and Oncology</i> , <b>2014</b> , 113, 198-203	5.3	57
184	Contemporary management of sinonasal cancer. <i>Head and Neck</i> , <b>2011</b> , 33, 1352-65	4.2	53
183	Acute symptoms during the course of head and neck radiotherapy or chemoradiation are strong predictors of late dysphagia. <i>Radiotherapy and Oncology</i> , <b>2015</b> , 115, 56-62	5.3	52
182	Patterns of long-term swallowing dysfunction after definitive radiotherapy or chemoradiation. <i>Radiotherapy and Oncology</i> , <b>2015</b> , 117, 139-44	5.3	52
181	Improving automatic delineation for head and neck organs at risk by Deep Learning Contouring. <i>Radiotherapy and Oncology</i> , <b>2020</b> , 142, 115-123	5.3	52

180	Clinical Trial Strategies to Compare Protons With Photons. <i>Seminars in Radiation Oncology</i> , <b>2018</b> , 28, 79-87	5.5	51
179	International Guideline on Dose Prioritization and Acceptance Criteria in Radiation Therapy Planning for Nasopharyngeal Carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2019</b> , 105, 567-580	4	48
178	Development and evaluation of an online three-level proton vs photon decision support prototype for head and neck cancer - Comparison of dose, toxicity and cost-effectiveness. <i>Radiotherapy and Oncology</i> , <b>2016</b> , 118, 281-5	5.3	46
177	Practical robustness evaluation in radiotherapy - A photon and proton-proof alternative to PTV-based plan evaluation. <i>Radiotherapy and Oncology</i> , <b>2019</b> , 141, 267-274	5.3	45
176	Limited Impact of Setup and Range Uncertainties, Breathing Motion, and Interplay Effects in Robustly Optimized Intensity Modulated Proton Therapy for Stage III Non-small Cell Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2016</b> , 96, 661-9	4	45
175	Swallowing sparing intensity modulated radiotherapy (SW-IMRT) in head and neck cancer: Clinical validation according to the model-based approach. <i>Radiotherapy and Oncology</i> , <b>2016</b> , 118, 298-303	5.3	45
174	Long-term Outcome of Surgery or Stereotactic Radiotherapy for Lung Oligometastases. <i>Journal of Thoracic Oncology</i> , <b>2017</b> , 12, 1442-1445	8.9	44
173	The tubarial salivary glands: A potential new organ at risk for radiotherapy. <i>Radiotherapy and Oncology</i> , <b>2021</b> , 154, 292-298	5.3	43
172	Normal tissue complication probability (NTCP) models for late rectal bleeding, stool frequency and fecal incontinence after radiotherapy in prostate cancer patients. <i>Radiotherapy and Oncology</i> , <b>2016</b> , 119, 381-7	5.3	42
171	High and low LET radiation differentially induce normal tissue damage signals. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2012</b> , 83, 1291-7	4	41
170	High prevalence of cachexia in newly diagnosed head and neck cancer patients: An exploratory study. <i>Nutrition</i> , <b>2017</b> , 35, 114-118	4.8	40
169	Multicriteria optimization enables less experienced planners to efficiently produce high quality treatment plans in head and neck cancer radiotherapy. <i>Radiation Oncology</i> , <b>2015</b> , 10, 87	4.2	40
168	Acute skin toxicity management in head and neck cancer patients treated with radiotherapy and chemotherapy or EGFR inhibitors: Literature review and consensus. <i>Critical Reviews in Oncology/Hematology</i> , <b>2015</b> , 96, 167-82	7	39
167	Ipsilateral irradiation for oral and oropharyngeal carcinoma treated with primary surgery and postoperative radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2010</b> , 78, 682-8	4	39
166	Robust Intensity Modulated Proton Therapy (IMPT) Increases Estimated Clinical Benefit in Head and Neck Cancer Patients. <i>PLoS ONE</i> , <b>2016</b> , 11, e0152477	3.7	37
165	Swallowing-sparing intensity-modulated radiotherapy for head and neck cancer patients: treatment planning optimization and clinical introduction. <i>Radiotherapy and Oncology</i> , <b>2013</b> , 107, 282-7	5.3	36
164	Radiotherapy of squamous cell carcinoma of the nasal vestibule. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2004</b> , 59, 1319-25	4	36
163	Prognostic factors for tube feeding dependence after curative (chemo-) radiation in head and neck cancer: A systematic review of literature. <i>Radiotherapy and Oncology</i> , <b>2018</b> , 126, 56-67	5.3	35

162	Parotid gland fat related Magnetic Resonance image biomarkers improve prediction of late radiation-induced xerostomia. <i>Radiotherapy and Oncology</i> , <b>2018</b> , 128, 459-466	5.3	35
161	F-FDG PET image biomarkers improve prediction of late radiation-induced xerostomia. <i>Radiotherapy and Oncology</i> , <b>2018</b> , 126, 89-95	5.3	32
160	Improving the prediction of overall survival for head and neck cancer patients using image biomarkers in combination with clinical parameters. <i>Radiotherapy and Oncology</i> , <b>2017</b> , 124, 256-262	5.3	32
159	Prophylactic exercises among head and neck cancer patients during and after swallowing sparing intensity modulated radiation: adherence and exercise performance levels of a 12-week guided home-based program. <i>European Archives of Oto-Rhino-Laryngology</i> , <b>2017</b> , 274, 1129-1138	3.5	32
158	Impact of sarcopenia on survival and late toxicity in head and neck cancer patients treated with radiotherapy. <i>Radiotherapy and Oncology</i> , <b>2020</b> , 147, 103-110	5.3	31
157	Head and neck intensity modulated radiation therapy leads to an increase of opportunistic oral pathogens. <i>Oral Oncology</i> , <b>2016</b> , 58, 32-40	4.4	29
156	A new CT-based method to quantify radiation-induced lung damage in patients. <i>Radiotherapy and Oncology</i> , <b>2015</b> , 117, 4-8	5.3	27
155	Radiation-induced carotid artery lesions. <i>Strahlentherapie Und Onkologie</i> , <b>2018</b> , 194, 699-710	4.3	27
154	Direct use of multivariable normal tissue complication probability models in treatment plan optimisation for individualised head and neck cancer radiotherapy produces clinically acceptable treatment plans. <i>Radiotherapy and Oncology</i> , <b>2014</b> , 112, 430-6	5.3	27
153	First experience with model-based selection of head and neck cancer patients for proton therapy. <i>Radiotherapy and Oncology</i> , <b>2020</b> , 151, 206-213	5.3	27
152	Predictors for trismus in patients receiving radiotherapy. <i>Acta Oncologica</i> , <b>2016</b> , 55, 1318-1323	3.2	25
151	Development and validation of a prediction model for tube feeding dependence after curative (chemo-) radiation in head and neck cancer. <i>PLoS ONE</i> , <b>2014</b> , 9, e94879	3.7	25
150	Assessment of dosimetric errors induced by deformable image registration methods in 4D pencil beam scanned proton treatment planning for liver tumours. <i>Radiotherapy and Oncology</i> , <b>2018</b> , 128, 174-181	5.3	23
149	Comprehensive 4D robustness evaluation for pencil beam scanned proton plans. <i>Radiotherapy and Oncology</i> , <b>2019</b> , 136, 185-189	5.3	22
148	A Model-Based Approach to Predict Short-Term Toxicity Benefits With Proton Therapy for Oropharyngeal Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2019</b> , 104, 553-562	4	22
147	The impact of gastrointestinal and genitourinary toxicity on health related quality of life among irradiated prostate cancer patients. <i>Radiotherapy and Oncology</i> , <b>2014</b> , 110, 284-90	5.3	22
146	Selection of head and neck cancer patients for adaptive radiotherapy to decrease xerostomia. <i>Radiotherapy and Oncology</i> , <b>2016</b> , 120, 36-40	5.3	22
145	Patients with advanced periodontal disease before intensity-modulated radiation therapy are prone to develop bone healing problems: a 2-year prospective follow-up study. <i>Supportive Care in Cancer</i> , <b>2018</b> , 26, 1133-1142	3.9	21

144	Lack of DNA Damage Response at Low Radiation Doses in Adult Stem Cells Contributes to Organ Dysfunction. <i>Clinical Cancer Research</i> , <b>2018</b> , 24, 6583-6593	12.9	21
143	Is the coronary artery calcium score associated with acute coronary events in breast cancer patients treated with radiotherapy?. <i>Radiotherapy and Oncology</i> , <b>2018</b> , 126, 170-176	5.3	20
142	The prognostic value of CT-based image-biomarkers for head and neck cancer patients treated with definitive (chemo-)radiation. <i>Oral Oncology</i> , <b>2019</b> , 95, 178-186	4.4	19
141	Geometric Image Biomarker Changes of the Parotid Gland Are Associated With Late Xerostomia. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2017</b> , 99, 1101-1110	4	19
140	Differences in delineation guidelines for head and neck cancer result in inconsistent reported dose and corresponding NTCP. <i>Radiotherapy and Oncology</i> , <b>2014</b> , 111, 148-52	5.3	19
139	The InVitro Response of Tissue Stem Cells to Irradiation With Different Linear Energy Transfers. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2016</b> , 95, 103-111	4	18
138	Evaluation of a 3D surface imaging system for deep inspiration breath-hold patient positioning and intra-fraction monitoring. <i>Radiation Oncology</i> , <b>2019</b> , 14, 125	4.2	18
137	Prognostic significance of HIF-1a, CA-IX, and OPN in T1-T2 laryngeal carcinoma treated with radiotherapy. <i>Laryngoscope</i> , <b>2013</b> , 123, 2154-60	3.6	18
136	Prevalence and clinical and psychological correlates of high fear of cancer recurrence in patients newly diagnosed with head and neck cancer. <i>Head and Neck</i> , <b>2019</b> , 41, 3187-3200	4.2	17
135	Development of a prediction model for late urinary incontinence, hematuria, pain and voiding frequency among irradiated prostate cancer patients. <i>PLoS ONE</i> , <b>2018</b> , 13, e0197757	3.7	17
134	Clinical validation of FDG-PET/CT in the radiation treatment planning for patients with oesophageal cancer. <i>Radiotherapy and Oncology</i> , <b>2014</b> , 113, 188-92	5.3	17
133	Roadmap: proton therapy physics and biology. <i>Physics in Medicine and Biology</i> , <b>2020</b> ,	3.8	17
132	Evaluation of DVH-based treatment plan verification in addition to gamma passing rates for head and neck IMRT. <i>Radiotherapy and Oncology</i> , <b>2014</b> , 112, 389-95	5.3	16
131	Prognostic value of the proliferation marker Ki-67 in laryngeal carcinoma: results of the accelerated radiotherapy with carbogen breathing and nicotinamide phase III randomized trial. <i>Head and Neck</i> , <b>2015</b> , 37, 171-6	4.2	16
130	Evaluation of interplay and organ motion effects by means of 4D dose reconstruction and accumulation. <i>Radiotherapy and Oncology</i> , <b>2020</b> , 150, 268-274	5.3	16
129	Cardiac Function After Radiation Therapy for Breast Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2019</b> , 104, 392-400	4	15
128	A Clarion Call for Large-Scale Collaborative Studies of Pediatric Proton Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2017</b> , 98, 980-981	4	15
127	Quality-of-life after radiotherapy for advanced laryngeal cancer: Results of a phase III trial of the Dutch Head and Neck Society. <i>Radiotherapy and Oncology</i> , <b>2016</b> , 119, 213-20	5.3	15

126	Survival Patterns in Elderly Head and Neck Squamous Cell Carcinoma Patients Treated With Definitive Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2017</b> , 98, 793-801	4	14
125	Prospective data registration and clinical trials for particle therapy in Europe. <i>Radiotherapy and Oncology</i> , <b>2018</b> , 128, 9-13	5-3	14
124	Prevalence and prediction of trismus in patients with head and neck cancer: A cross-sectional study. <i>Head and Neck</i> , <b>2019</b> , 41, 64-71	4-2	14
123	Decreasing Irradiated Rat Lung Volume Changes Dose-Limiting Toxicity From Early to Late Effects. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2016</b> , 94, 163-171	4	13
122	FGFR Family Members Protein Expression as Prognostic Markers in Oral Cavity and Oropharyngeal Squamous Cell Carcinoma. <i>Molecular Diagnosis and Therapy</i> , <b>2016</b> , 20, 363-74	4-5	13
121	Pulmonary Function Changes After Radiotherapy for Lung or Esophageal Cancer: A Systematic Review Focusing on Dose-Volume Parameters. <i>Oncologist</i> , <b>2017</b> , 22, 1257-1264	5-7	13
120	Comprehensive toxicity risk profiling in radiation therapy for head and neck cancer: A new concept for individually optimised treatment. <i>Radiotherapy and Oncology</i> , <b>2021</b> , 157, 147-154	5-3	13
119	Delta-radiomics features during radiotherapy improve the prediction of late xerostomia. <i>Scientific Reports</i> , <b>2019</b> , 9, 12483	4-9	12
118	Parameters Associated With Mandibular Osteoradionecrosis. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , <b>2018</b> , 41, 1276-1280	2-7	12
117	A comparison of weekly versus 3-weekly cisplatin during adjuvant radiotherapy for high-risk head and neck cancer. <i>Oral Oncology</i> , <b>2016</b> , 59, 43-49	4-4	12
116	Reduced radiation-induced toxicity by using proton therapy for the treatment of oropharyngeal cancer. <i>British Journal of Radiology</i> , <b>2020</b> , 93, 20190955	3-4	11
115	Dose-volume-response analysis in stereotactic radiotherapy for early lung cancer. <i>Radiotherapy and Oncology</i> , <b>2014</b> , 112, 262-6	5-3	11
114	An in silico comparison between margin-based and probabilistic target-planning approaches in head and neck cancer patients. <i>Radiotherapy and Oncology</i> , <b>2013</b> , 109, 430-6	5-3	11
113	Early Detection of Cardiovascular Changes After Radiotherapy for Breast Cancer: Protocol for a European Multicenter Prospective Cohort Study (MEDIRAD EARLY HEART Study). <i>JMIR Research Protocols</i> , <b>2018</b> , 7, e178	2	11
112	Frailty is associated with decline in health-related quality of life of patients treated for head and neck cancer. <i>Oral Oncology</i> , <b>2020</b> , 111, 105020	4-4	11
111	External validation of a multifactorial normal tissue complication probability model for tube feeding dependence at 6 months after definitive radiotherapy for head and neck cancer. <i>Radiotherapy and Oncology</i> , <b>2018</b> , 129, 403-408	5-3	11
110	International Recommendations on Reirradiation by Intensity Modulated Radiation Therapy for Locally Recurrent Nasopharyngeal Carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2021</b> , 110, 682-695	4	11
109	Investigation of inter-fraction target motion variations in the context of pencil beam scanned proton therapy in non-small cell lung cancer patients. <i>Medical Physics</i> , <b>2020</b> , 47, 3835-3844	4-4	10

108	Current management of stage IV nasopharyngeal carcinoma without distant metastasis. <i>Cancer Treatment Reviews</i> , <b>2020</b> , 85, 101995	14.4	10
107	Pre-treatment radiomic features predict individual lymph node failure for head and neck cancer patients. <i>Radiotherapy and Oncology</i> , <b>2020</b> , 146, 58-65	5.3	10
106	Key challenges in normal tissue complication probability model development and validation: towards a comprehensive strategy. <i>Radiotherapy and Oncology</i> , <b>2020</b> , 148, 151-156	5.3	10
105	Quality assurance for the EORTC 22071-26071 study: dummy run prospective analysis. <i>Radiation Oncology</i> , <b>2014</b> , 9, 248	4.2	10
104	Multivariable normal tissue complication probability model-based treatment plan optimization for grade 2-4 dysphagia and tube feeding dependence in head and neck radiotherapy. <i>Radiotherapy and Oncology</i> , <b>2016</b> , 121, 374-380	5.3	10
103	Poor sleep quality among newly diagnosed head and neck cancer patients: prevalence and associated factors. <i>Supportive Care in Cancer</i> , <b>2021</b> , 29, 1035-1045	3.9	10
102	Assessment of hypoxic subvolumes in laryngeal cancer with (18)F-fluoroazomycinaraboside ((18)F-FAZA)-PET/CT scanning and immunohistochemistry. <i>Radiotherapy and Oncology</i> , <b>2015</b> , 117, 106-125	5.3	9
101	Automated Robust Proton Planning Using Dose-Volume Histogram-Based Mimicking of the Photon Reference Dose and Reducing Organ at Risk Dose Optimization. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2019</b> , 103, 251-258	4	9
100	Phosphorylated FADD is not prognostic for local control in T1-T2 supraglottic laryngeal carcinoma treated with radiotherapy. <i>Laryngoscope</i> , <b>2017</b> , 127, E301-E307	3.6	8
99	Organ sparing potential and inter-fraction robustness of adaptive intensity modulated proton therapy for lung cancer. <i>Acta Oncologica</i> , <b>2019</b> , 58, 1775-1782	3.2	8
98	Deformable image registration uncertainty for inter-fractional dose accumulation of lung cancer proton therapy. <i>Radiotherapy and Oncology</i> , <b>2020</b> , 147, 178-185	5.3	8
97	Functional Swallowing Units (FSUs) as organs-at-risk for radiotherapy. PART 1: Physiology and anatomy. <i>Radiotherapy and Oncology</i> , <b>2019</b> , 130, 62-67	5.3	8
96	Inter-fraction motion robustness and organ sparing potential of proton therapy for cervical cancer. <i>Radiotherapy and Oncology</i> , <b>2021</b> , 154, 194-200	5.3	8
95	Patient-Reported Toxicity and Quality-of-Life Profiles in Patients With Head and Neck Cancer Treated With Definitive Radiation Therapy or Chemoradiation. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2021</b> , 111, 456-467	4	8
94	In vitro biological response of cancer and normal tissue cells to proton irradiation not affected by an added magnetic field. <i>Radiotherapy and Oncology</i> , <b>2019</b> , 137, 125-129	5.3	7
93	Composite minimax robust optimization of VMAT improves target coverage and reduces non-target dose in head and neck cancer patients. <i>Radiotherapy and Oncology</i> , <b>2019</b> , 136, 71-77	5.3	7
92	Development and evaluation of an auto-segmentation tool for the left anterior descending coronary artery of breast cancer patients based on anatomical landmarks. <i>Radiotherapy and Oncology</i> , <b>2019</b> , 136, 15-20	5.3	7
91	Viable tumor in salvage neck dissections in head and neck cancer: Relation with initial treatment, change of lymph node size and human papillomavirus. <i>Oral Oncology</i> , <b>2018</b> , 77, 131-136	4.4	7



90	Head and neck squamous cell carcinomas do not express EGFRvIII. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2014</b> , 90, 454-62	4	7
89	Current practice in proton therapy delivery in adult cancer patients across Europe.. <i>Radiotherapy and Oncology</i> , <b>2021</b> , 167, 7-13	5.3	7
88	Comparison of the suitability of CBCT- and MR-based synthetic CTs for daily adaptive proton therapy in head and neck patients. <i>Physics in Medicine and Biology</i> , <b>2020</b> , 65, 235036	3.8	7
87	National Protocol for Model-Based Selection for Proton Therapy in Head and Neck Cancer. <i>International Journal of Particle Therapy</i> , <b>2021</b> , 8, 354-365	1.5	7
86	Feedback preferences of patients, professionals and health insurers in integrated head and neck cancer care. <i>Health Expectations</i> , <b>2017</b> , 20, 1275-1288	3.7	6
85	Randomized controlled trial to identify the optimal radiotherapy scheme for palliative treatment of incurable head and neck squamous cell carcinoma. <i>Radiotherapy and Oncology</i> , <b>2020</b> , 149, 181-188	5.3	6
84	Optimizing Radiotherapy in HPV-Associated Oropharyngeal Cancer Patients. <i>Recent Results in Cancer Research</i> , <b>2017</b> , 206, 161-171	1.5	6
83	Assessment of Neurocognitive Impairment and Speech Functioning Before Head and Neck Cancer Treatment. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , <b>2019</b> , 145, 251-257	3.9	5
82	Brain abnormalities on MRI in non-functioning pituitary adenoma patients treated with or without postoperative radiotherapy. <i>Radiotherapy and Oncology</i> , <b>2015</b> , 114, 239-44	5.3	5
81	Assessment of manual adjustment performed in clinical practice following deep learning contouring for head and neck organs at risk in radiotherapy. <i>Physics and Imaging in Radiation Oncology</i> , <b>2020</b> , 16, 54-60	3.1	5
80	Impact of radiation-induced toxicities on quality of life of patients treated for head and neck cancer. <i>Radiotherapy and Oncology</i> , <b>2021</b> , 160, 47-53	5.3	5
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75	Reproducibility of the lung anatomy under active breathing coordinator control: Dosimetric consequences for scanned proton treatments. <i>Medical Physics</i> , <b>2018</b> , 45, 5525-5534	4.4	5
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